

## USACE SITREP

### DEBRIS

7 September 2017

**Mission:** Provide Technical Assistance for Debris Recovery per FEMA direction.

Planning cell strategizing for potential DFA mission assignment.

#### USACE TA Reps:

Name	Role	Location
Edward LeBlanc	Debris SME, Team Leader	IOF, Austin
John Fogarty	Debris SME, Field Lead	Field, Team 2
Glenn Greiner	Debris SME	Field, Team 2
Robert Powers	Debris SME	Field, Team 1
Arianna Raymundo	Debris SMS	Field, Team 1
Heather Grommet	Debris SMS	Field, Team 1
Dan Williams	Debris SMS	Field, Team 2
Michelle Lockhart	Debris SMS	Field, Team 2
Kim Codde-Getchel	Debris SMS	Field, Team 2
Steve Sabillo	Debris SMS	Field, Team 2
Gary Lammers	Debris MM	JFO
Lamar Jenkins	Debris SME	JFO
Erica Mark	Debris SME	Field, Team 1
Herbert Bullock	Debris SMS	Field, Team 1

#### I. Current Field Ops

##### a) Technical Assistance

##### Team 1

##### i) Wharton County

- (1) Estimated debris in neighborhoods of Elm Grove and Bonus in Northeast Wharton County. Flood water reached up to 4 ft on some homes. Homes

were very sparse in this area. Counted appx 150 c.y. of C&D debris. Some homes have yet to bring out debris.

- (2) Estimated debris in neighborhood of Glen Flora in Northeast Wharton County. Counted appx 100 c.y. of 50%-50% C&D & vegetative debris. Some homes have yet to bring out debris.
  - (3) Near Glen Flora, there was a temporary DMS station with approximately 4000 c.y. of C&D debris and a separate pile of white goods. It been hauled there by county and residents. They had one front loader and one excavator. Talked to a county rep that said they were hauling the debris to a landfill in Needville (14115 Davis Estate Rd. Needville, TX).
  - (4) Visited above landfill and saw no city or county trucks, but received contact info for the landfill owner. Will make contact.
  - (5) Estimated debris in Spanish Camp area in Northeast Wharton County. There was flood damage to many homes. Estimated appx. 2000 c.y. debris. 75% C&D and 25% vegetative. The water had recently receded in this area and many homeowners were just beginning hauling to ROW.
- ii) Aransas Pass ( parts within Aransas, Nueces, and San Patricio counties)
- (1) Followed up with Emmitt, True North monitor for Aransas Pass, regarding current debris removal operations.
  - (2) Vegetative removal continues. 7 trucks running; 2 trucks moved to Port Aransas. DRC will start submitting daily numbers to the team.
  - (3) Disposal site has 7 windrows. Vegetative debris will be chipped. TCEQ approval still pending—status unknown.
  - (4) Unknown whether a C&D disposal site has been identified.
  - (5) Team informed of rumor that DRC may be pulling trucks for Hurricane Irma.
  - (6) Followed up with Emmitt, True North monitor for Aransas Pass, regarding current debris removal operations.
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    - (b) Disposal site has 7 wind rows. Vegetative debris will be chipped. TCEQ approval still pending—status unknown.
    - (c) Unknown whether a C&D disposal site has been identified.
  - (7) Team informed of rumor that DRC may be pulling trucks for Hurricane Irma.
- iii) Port Aransas (Aransas County)
- (1) Team met with the Port Aransas EM team.
  - (2) Debris estimates are unknown. DRC is contractor; monitor is Metric. Team will be following up on 8 September for additional information.
  - (3) Port Aransas has concerns over debris that is being piled on private roads. Private roads are used for solid waste access and emergency access. Team is following up with JFO on issue.

iv) Other Aransas County

- (a) Team attended debris status meeting at the City of Rockport EOC.
- (b) Rockport Mayor, Rockport Manager, Fulton Mayor, Fulton Police Chief/EM Coordinator, Rockport Navigation District, TDPW EMC, Aransas County EMC and Aransas County Judge in attendance to discuss way forward plan. Port of Corpus Christi EMC (Danielle) arrived in Rockport EOC to support debris management operations.
- (c) Early concerns include unclear priority areas and public not separating debris. County/municipalities receiving complaints from public/businesses. County will be issuing a FAQ to the public.
- (d) Rockport Mayor communicated priority areas south of Market and north of Henderson.
- (e) County has not completed debris assessments. Thompson (monitor) Field Ops manager, Raul Cardenas, estimated approximately 1M CY of debris in the county.
- (f) Vegetative debris removal by Crowder-Gulf continues. CG will be compacting C&D—removal pending contract amendment approval.
- (g) County is currently using a transfer location adjacent to the Rockport Airport.
- (h) County has a 50-acre C&D disposal site at the airport that is anticipated to be ready afternoon on 7 September.

Team 2

i) Harris County – excluding City of Houston

- (1) Debris SMSs witnessed debris loading by DRC in Harris County, TetraTech monitors documenting loads at point of pickup. Eligible debris (C&D) being loaded.
- (2) Debris SME and SMS canvassed the previously flooded areas along Fry St. in Harris County. Water has drained from this area and significant amounts of debris beginning to be placed on ROW.
- (3) Debris SME reached back to Harris Co. contact Josh Stuckey for status of debris hauling operations. He stated the county's debris hauling contractor, DRC, has 26 trucks operating today and is supposed to ramp up to 65 assets tomorrow. He also stated that 4 debris management sites are currently being used. A return call from Nick Russo (also Harris Co.) resulted in a debris removal operations overview meeting being scheduled for tomorrow afternoon, 2 p.m., at the Delta Bldg. (10555 NW FRWY, Houston, TX 77092).

ii) City of Houston

- (1) Obtained debris summary from TetraTech for quantities to date.
  - (a) Today (5 Sept 17): 48 trucks operating, 192 loads, 7,626 cy
  - (b) Total (thru 5 Sept 17): 473 loads, 19,224 cy
  - (c) City of Houston Force Account Total: 4,273 cy

- (2) Debris SMSs canvassed areas in City of Houston and observed debris removal as eligible. TetraTech monitors were documenting loads.

iii) Galveston County

- (1) Debris SME and SMSs met with City of Dickinson debris manager Connie Nicholson. Crowder-Gulf began removing debris with TetraTech monitoring. Obtained zone maps that will be used to track progress. Noted significant debris along Hwy 646 (photo) and along Deats Road in Dickinson.
- (2) Met with League City Debris Manager, Bo Bass. Discussed Cities' plans for debris operations. Crowder-Gulf has been awarded debris contract with TetraTech as monitor. Mr. Bass anticipates truck certifications over the next two days and debris hauling to begin this weekend. Mr. Bass indicated two disposal sites to be used - Galveston County Landfill operated by Republic (Type 1) and the North County Disposal site also operated by Republic (Type 4). Visited the North County disposal site and observed dozers preparing a dump area on top of the landfill. Mr. Bass indicated this site will not be available until Saturday. Mr. Bass estimated 8,000 homes with some impact and an estimated debris quantity at 200,000 cy. Mr. Bass agreed to provide maps of the debris removal zones.
- (3) Left message for the Galveston County Emergency Manager to discuss Debris plans for the County area, but no return call received. Will follow up tomorrow.

iv) Chambers County

- (1) Debris SMSs observed truck load delivery to landfill. One truck load for the day.
- (2) Monitor tower is installed, pinned down, and protected by K-rails. Talked to monitor (and trainee), only a half truck load was delivered.
- (3) Crowder-Gulf currently only has two trucks certified in Chambers County and one broke down today.

v) Liberty County

- (1) Debris SMSs met with OEM Liaison Officer (James Carson) to locate areas with most debris. Several neighborhoods along the Trinity River are still underwater. Plum Grove estimated to have 800k CY of debris.
- (2) Met with OEM Coord (Tom Branch). Mr. Branch has continued concern about solicitation/procurement process thru the HGAC and Liberty County does not want to use their existing debris contract if it is not valid per FEMA regulations. He has submitted a STAR request (through State of Texas for assistance) for FEMA/USACE support to review contracts and determine best path forward.

- (3) Visited Dayton neighborhoods - water has recently receded and debris is not yet cleared from homes
- (4) Visited Moss Grove - residents starting to move debris to street; neighborhood still has standing water.
- vi) Brazoria County
  - (1) Debris SME (Fogarty) and SMS (Lochart/Pittman) canvassed areas in Brazoria County. Much of the area along the Brazos River is still flooded. Did not observe and debris on the ROW.
  - (2) Left message for the Brazoria County Emergency Manager to discuss Debris plans for the County area but no return call received. Will follow up tomorrow.
- vii) Fort Bend County
  - (1) Debris SME and SMSs canvassed the area of Cinco Ranch within Fort Bend County around S. Fry St and Mason Rd. Area has drained and significant debris being moved to the ROW. Also checked area along Pinebury Rd.
- viii) San Jacinto County
  - (1) Debris SME (Greiner) and SMS (Brown) traveled to San Jacinto County and canvassed areas downstream of Lake Livingston Dam, Cedar Valley Rd, and Browder's Marina. No debris observed along ROW of local streets / roads. Some debris piles observed on resident's properties in neighborhood downstream of dam (est. less than 500 cy C&D).
- ix) Walker County
  - (1) Debris SME reached back to Walker Co. EM Coordinator, Butch Davis who stated homes within impacted areas have yet to be mucked out. Mr. Davis stated the County does have pre-positioned debris removal contracts (recently renewed) with TAG Grinding Services and Crowder Gulf. There is no monitoring contract in place, and it is my understanding that the county precincts would be performing the QA/QC monitoring.

## II. Future Operations

### a) Technical Assistance

- i) Team 1 - Contact officials in Wharton County to confirm disposal sites.
- ii) Team 1 - Contact Refugio County to check status of contracts and TA needs.
- iii) Team 1 - Robby Powers will be leaving Friday 8 September for Beaumont, TX at 0700.
- iv) Team 1 - Robby Swayze will be arriving Friday 8 September to Matagorda, TX in the evening.
- v) Team 2 - witness debris truck certification and debris removal in Harris County and City of Houston area. Attend debris status meetings in Harris County and City of Houston

- vi) Team 2 - Witness truck certifications and canvass debris areas in Chambers County
- vii) Team 2 - Coordinate with Galveston County/Cities and Brazos County/Cities
- viii) Team 2 - Update debris County/City database.
- ix) Team 2 - Review model data and update based on field observations. (All)